



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/601,497 A

Source: OIPF

Date Processed by STIC: 1/28/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

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1. EFS-Bio (<<http://www.uspto.gov/efc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



OIPE

## RAW SEQUENCE LISTING

DATE: 01/28/2004

PATENT APPLICATION: US/10/601,497A

TIME: 07:22:51

Input Set : A:\SEQ.txt

Output Set: N:\CRF4\01282004\J601497A.raw

2 &lt;110&gt; APPLICANT: Lin, Ching-Yu

3 Lin, Ruey-Wen

4 You, Chiou-Mien

5 Huang, Hsing-Hsuan

6 Lee, Bor-Heng

7 Lee, Hsien-Hsiung

8 Lin, Yu-Ju

9 Fan, Chih-Chun

10 Hsu, Han-Chuan

11 Shih, Chia-Wen

12 Yeh, Chih-Hsing

13 Kao, Yi-Feng

14 Pan, Chih-Long

15 Chan, Peter

17 <120> TITLE OF INVENTION: METHOD AND DETECTOR FOR IDENTIFYING SUBTYPES OF HUMAN  
PAPILLOMA VIRUSES

## W--&gt; 0 &lt;130&gt; FILE REFERENCE:

19 &lt;140&gt; CURRENT APPLICATION NUMBER: US 10/601,497A

20 &lt;141&gt; CURRENT FILING DATE: 2003-06-23

22 &lt;160&gt; NUMBER OF SEQ ID NOS: 472

**Does Not Comply  
Corrected Diskette Needed**

(Pg. 1-2)

## ERRORED SEQUENCES

4634 &lt;210&gt; SEQ ID NO: 450

4635 &lt;211&gt; LENGTH: 409

4636 &lt;212&gt; TYPE: DNA

4637 &lt;213&gt; ORGANISM: Human Papilloma Virus subtype 56 (6559-6967/409 bp)

4639 &lt;400&gt; SEQUENCE: 450

4641 catttgctgg ggtaaatcaat tatttggttac tgtagtagat actactagaa gtactaacat 60

4642 gactattagt actgctacag aacagttaag taaatatgat gcacgaaaaa ttaatcagta 120

4643 ccttagacat gtggaggaat atgaattaca atttgttttt caattatgca aaattacttt 180

4644 gtctgcagag gttatggcat atttacataa tatgaatgct aacctactgg aggactggaa 240

4645 tattgggtta tccccgccag tggccaccag cctagaagat aaatatagat atgttagaag 300

4646 cacagctata acatgtcaac gggaacagcc accaacagaa aaacaggacc cattagctaa 360

E--&gt; 4647 atataaaattt tgggatgtta acttacagga cagtttttct acagacctg

4949 &lt;210&gt; SEQ ID NO: 470

4950 &lt;211&gt; LENGTH: 21 Found 20

4951 &lt;212&gt; TYPE: DNA

4952 &lt;213&gt; ORGANISM: Artificial Sequence

## W--&gt; 4953 &lt;220&gt; FEATURE:

4954 &lt;223&gt; OTHER INFORMATION: Synthetic oligonucleotide

4956 &lt;400&gt; SEQUENCE: 470

E--&gt; 4958 gccagactg tgggtggcag 20

419 - 409

## VERIFICATION SUMMARY

DATE: 01/28/2004

PATENT APPLICATION: US/10/601,497A

TIME: 07:22:52

Input Set : A:\SEQ.txt

Output Set: N:\CRF4\01282004\J601497A.raw

L:0 M:201 W: Mandatory field data missing, &lt;130&gt; FILE REFERENCE

L:4647 M:254 E: No. of Bases conflict, LENGTH:Input:419 Counted:409 SEQ:450 ✓

L:4941 M:283 W: Missing Blank Line separator, &lt;220&gt; field identifier

L:4953 M:283 W: Missing Blank Line separator, &lt;220&gt; field identifier

L:4958 M:252 E: No. of Seq. differs, <211> LENGTH:Input:21 Found:20 SEQ:470 ✓

L:4965 M:283 W: Missing Blank Line separator, &lt;220&gt; field identifier

L:4977 M:283 W: Missing Blank Line separator, &lt;220&gt; field identifier